Table 1
The Evaluation of the Methods for Manufacturing the Proteoses (1)

Table 2
The Evaluation of the Methods for Manufacturing the Proteoses (2)

				_	_		_							_
Status of Hydrolysis	The MHCs are completely decomposed.	The bands of the myosin disappeared.	<	€-	€-	The MHCs are not decomposed.	The bands of the myosin suit remain.	The MHCs are completely decomposed.	The bands of the myosin disappeared.		<b>←</b>		The MHCs are not decomposed.	The bands of the myosin still remain.
Hydrolysis Conditions	4 °C, for 1 hour		4 °C, for 3 hours	4 °C, for 12 hours	4 °C, for 48 hours	4 °C, for 48 hours		Chemicals A & C, for 1 hour		4 °C, for 3 hours	4 °C, for 12 hours	4 °C, for 48 hours	4 °C, for 48 hours	
pH Value	s A	pH 7.2	<b>~</b>	<b>←</b>	<b>~</b>	Chemicals A	pH 7.2	Chemicals A	pH 7.2	<b>←</b>	<b>←</b>	<b>←</b>	Chemicals A	pH 7.2
Plants Sample Weight		10 g		*	<b>«</b>	None		Papaya peels	10 g	<b>«</b>	<b>«</b>	-	None	
Animal Protein Sample Weight	Fish meat protein	10 g	<b>«</b>	<b>«</b>	•	Fish meat protein	10 g	Fish meat protein Papaya peels	10 g	<b>←</b>	<		Fish meat protein	10 g
Embodiment		No. 4-1	No. 4-2	No. 4-3	No 4-4	Example	No. 4	No. 5-1	· · · · · · · · · · · · · · · · · · ·	No. 5-2	No 5-3	No 5-4	Example	No. 5

Table 3
The Evaluation of the Methods for Manufacturing the Proteoses (3)

;				**. **.	
Embodiment No.	Animal Protein Sample Weight	Plants Sample Weight	pH Value	Hydrolysis Conditions	Status of Hydrolysis
No. 6	Frozen fish meat paste 97 g		No control	After vacuum packing 70°C, for 10 minutes	A proteose is produced which does not form a gel. The protein concentration of
N. A.	•				that of the frozen fish meat paste.
100. 7	<del>-</del> -	Green papaya peels 3 g	<del>&lt;-</del>	After vacuum packing	<b>←</b>
No. 8	<del>-</del>	Mitake	<del>&lt;</del>	After vacuum nacking	÷
	•	mushroom caps		60 °C, for 10 minutes	-
		38			
No. 9	<b>~</b>	Mitake	<b>←</b>	After vacuum packing	<
		mushroom		60 °C, for 10 minutes	
		stalks 3 g			
No. 10	at.	Papaya peels	+	After vacuum packing	A proteose is produced which does not
	paste 94 g with	3g		70 °C, for 10 minutes	form a gel. However, the activity of the
74	Sait of				endopeptidase is slightly reduced.
No. 11	←	Mitake	<b>«</b>	After vacuum packing	*
		mushrooms 3 g		70 °C for 10 minutes	

Table 4

The Evaluation of the Methods for Manufacturing the Proteoses (4)

Table 5

The Evaluation of the Methods for Manufacturing the Proteoses (5)

Emboaiment No.	Anımal Protein Sample Weight	Plants Sample Weight	pH Value	Hydrolysis Conditions	Status of Hydrolysis
No. 21	Fish meat protein 0.5 g	Papaya peels 0.25 g	Controlled with Chemicals A	70 °C, for 10 minutes	The MHCs are completely decomposed.
		-	and B pH 2.3.4.5.6.7		
			8,9,10, and 11		
No. 22	<b>←</b>	Mitake	Controlled with	60 °C, for 10 minutes	The MHCs are completely decomposed
		mushrooms	Chemicals A		The activity of the endopeptidases at the
-		0.25 g	and B		pH value range between 4 and 9 is
			pH 2,3,4,5,6,7,		higher.
			8,9,10, and 11		
No. 23	Frozen	Papaya peels	No control	After vacuum packing	The protein of the frozen fish meat paste
	tish meat paste	83 88		0, 10, 20, 30, 40, 50, 60,	is sufficiently hydrolyzed.
	97 g		- 3	70, and 80 °C, for 10 The activity of the en	The activity of the endopeptidase at
			-	minutes	70 °C is the highest.
No. 24	·	Mitake	<b>←</b>	After vacuum packing	The protein of the frozen fish meat paste
		mushroom		0, 10, 20, 30, 40, 50, 60, is sufficiently hydrolyzed.	is sufficiently hydrolyzed.
		stalks 3g		70, and 80 °C, for 10	The activity of the endopeptidase at
				minutes	60 °C is the highest.

Table 6

The Evaluation of the Methods for Manufacturing the Proteoses (6)

Embodiment No	Embodiment Animal Protein	Animal Protein Plants Samule Weight	pH Value	Hydrolysis Conditions	Status of Hydrolysis
	Frozen	Mitake	No control	After vacuum packing	The protein of the frozen fish meat paste
No. 25	fish	mushroom		0, 10, 20, 30, 40, 50, 60,	is sufficiently hydrolyzed.
	meat paste	stalks 3g		70, and 80 °C, for 10	70, and 80 °C, for 10 The activity of the endopeptidase at
	97 g	٠	*	minutes	60 °C is the highest.
No. 26	Frozen	Papaya peels	<b>←</b>	After vacuum packing	The protein of the frozen fish meat paste
		2, 5, 10, 20, 30,		70 °C, for 10 minutes	is sufficiently hydrolyzed.
	meat paste	40, and 50 g			
	100 g				
No. 27	Frozen	Mitake	<b>«</b>	After vacuum packing	The protein of the frozen fish meat paste
	fish	mushroom		60 °C, for 10 minutes	is sufficiently hydrolyzed.
	meat paste   stalks	stalks	•		
	100 g	2, 5, 10, 20, 30,			
		40, and 50 g			

Table 7

Foods Containing the Proteoses

Embodiment

No. A1

No. A2

No. A3

No. A4

No. A5

No. A6

No. A7

No. A8

No. A9

bread

## Lactic acid drinks, fruit drinks, Chocolate-like confectionery Chocolate-like confectionery Spread-type foods for Foods with nutritional Foods for the elderly Uses Cold confectionery jelly-like drinks and crackers supplements Bread % 50 wt. % proteoses of fish meat protein, 1.5 wt. % salt, 48.5 wt. % soup of dried bonito shavings, a bit of agar % % % 25 wt% proteoses of fish meat protein, 75 wt. % salt, % % 14 wt. % proteoses of fish meat protein, 9 wt. % cream powdered cheese, egg yolk, milk, salad oil, and rice flour for dumplings. The mixture is baked in an cheese, 70 wt. % yogurt, 5 wt. % sugar, 2 wt. % gelatin 85 wt. % proteoses of fish meat protein, 7 wt. 50 wt. % proteoses of fish meat protein, 25 wt. 40 wt. % proteoses of fish meat protein, 60 wt. 60 wt. % proteoses of fish meat protein, 32 wt. 30 wt. % proteoses of fish meat protein, 70 wt. 5 wt. % proteoses of fish meat protein, 94 wt. chocolate, small amount of wines and spirits Constituents soybean flour, and 25 wt. % sugar sesame paste, and 8 wt. % sugar electrolyte drink, a bit of gellant chocolate, and 8 wt. % sugar chocolate Jelly-like drink Sesame paste Soybean flour paste chocolate Chocolate bar Protein jelly Brazil bread Yogurt jelly Title Chocolate Truffle Classification proteoses proteoses Foods having Seasoned <del><--</del>

Noodles

33 wt. % proteoses of fish meat protein, 67 wt. % salt,

strong flour, and soft flour. The mixture is kneaded

Snacks

The mixture is

40 wt. % proteoses of fish meat protein, 60 wt. % salt,

oven.

Fish snack

No. A10

wheat flour, tuna oil, and seasoning.

fried in oil

Noodles

No. A11